



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

February 25, 2014

COPY

Mr. Mike Martinez
Gonzaga University
502 East Boone Avenue
Spokane, Washington 99258-0081

Re: Ground Water Permit No. G3-30691

Dear Mr. Martinez:

Enclosed is your permit to be retained for your records. Please read the enclosed information sheet, as well as your entire permit.

This permit authorizes you to construct your project and put water to use.

We are enclosing a *Construction Notice* form. Once you begin construction, complete and submit the form to this office. **If you cannot begin your project by February 1, 2015, you must contact this office to apply for an extension.**

If you have any questions, please contact Jeff MacLennan at 509-329-3480.

Sincerely,

Karen Tusa
Water Resources Program
Eastern Regional Office

KT:md

W: Permits/Tusa/2014/Gonzaga University G3-30691 cvr letter 2-25-2014.doc

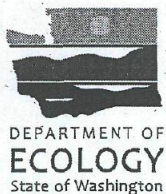
Enclosures: Permit

Construction Notice
Important Information About Your Water Right Permit

7011 3500 0001 8621 9211

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage \$	1/21/14 Postmark Here
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees \$	
Sent To	
Street, Apt. No., or PO Box No.	
City, State, ZIP+4	
GONZAGA UNIVERSITY 502 E. BOONE AVENUE SPOKANE, WA 99258-0081	
PS Form 3800, August 2006 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		A. Signature <i>Michelle Wissink</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: <div style="border: 1px solid black; padding: 10px; text-align: center;"> GONZAGA UNIVERSITY 502 E. BOONE AVENUE SPOKANE, WA 99258-0081 </div>		B. Received by (Printed Name) <i>Michelle Wissink</i> C. Date of Delivery <i>1/22/14</i>	
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
		3. Service Type <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery	
2. Article Number <i>(Transfer from service label)</i>		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
7011 3500 0001 8621 9211			
PS Form 3811, July 2013		Domestic Return Receipt	



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PERMIT
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

PRIORITY DATE
June 23, 2013

PERMIT NUMBER
G3-30691

MAILING ADDRESS
Gonzaga University
502 East Boone Avenue
Spokane, WA 99258-0081

SITE ADDRESS (IF DIFFERENT)
702 East Desmet Avenue
Spokane, WA 99258

Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AF/YR)
1500	GPM	0

Purpose

PURPOSE	WITHDRAWAL RATE	ANNUAL QUANTITY (AF/YR)	PERIOD OF USE (mm/dd)
Heat Exchange 1500 gallons per minute continuously for nonconsumptive heat exchange	250 GPM	0	01/01 - 12/31

Source Location

COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
Spokane	Groundwater		57-Middle Spokane

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
Well 1 (Source)	35171.2001	BHF946	25 N.	43 E.	17	SW¼NE¼	47.66695°	-117.39810°
Well 2 (Injection)	35171.2001	BHF947	25 N.	43 E.	17	SW¼NE¼	47.66685°	-117.39995°

Datum: WGS84

Well 1 (Source): 1830 feet south and 2050 feet west from the NE corner of Section 17

Well 2 (Injection): 1890 feet south and 2510 feet west from the NE corner of Section 17

PERMIT

Place of Use

PARCELS (NOT LISTED FOR SERVICE AREAS)

35171.2001, 35171.2002, 35171.2003, 35171.2004, 35171.2005, 35171.2006, 35171.2007, 35171.2008, 35172.2707, 35172.2709

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

That portion of the Gonzaga University Campus lying south of Desmet Avenue, west of the center line of vacated Cincinnati Street, north of vacated Cataldo Avenue, and east of vacated Dakota Street, which includes all of Block 50 of the 3rd Sinto Addition

Proposed Works

The heating and cooling plant for the new Gonzaga University Center is an open loop geothermal heat pump system. Groundwater will be pumped from the aquifer, routed through a heat exchanger where it will reject or absorb heat from the heat pump system and is then injected into the ground.

Development Schedule

BEGIN PROJECT

February 1, 2015

COMPLETE PROJECT

September 1, 2016

PUT WATER TO FULL USE

September 1, 2017

Measurement of Water Use

How often must water use be measured?

Weekly

How often must water use data be reported to Ecology?

Upon request by Ecology

What rate should be reported?

Annual Peak Rate of Withdrawal (gpm)

Provisions

Wells, Well Logs and Well Construction Standards

All wells constructed in the state shall meet the construction requirements of WAC 173-160 titled "Minimum Standards for the Construction and Maintenance of Wells" and RCW 18.104 titled "Water Well Construction". Any well which is unusable, abandoned, or whose use has been permanently discontinued, or which is in such disrepair that its continued use is impractical or is an environmental, safety or public health hazard shall be decommissioned.

All wells shall be tagged with a Department of Ecology unique well identification number. If you have an existing well and it does not have a tag, please contact the well-drilling coordinator at the regional Department of Ecology office issuing this decision. This tag shall remain attached to the well. If you are required to submit water measuring reports, reference this tag number.

Installation and maintenance of an access port as described in WAC 173-160- 291(3) is required.

Measurements, Monitoring, Metering and Reporting

An approved measuring device shall be installed and maintained for each of the sources identified by this water right in accordance with the rule "Requirements for Measuring and Reporting Water Use", WAC 173-173.

WAC 173-173 describes the requirements for data accuracy, device installation and operation, and information reporting. It also allows a water user to petition the Department of Ecology for modifications to some of the requirements.

Underground Injection Control Program

The subject infiltration system shall be registered with Ecology's Underground Injection Control Program prior to discharge of any water withdrawn under this authorization.

<http://www.ecy.wa.gov/pubs/wac173218.pdf>

Water Use Efficiency

The water right holder is required to maintain efficient water delivery systems and use of up-to-date water conservation practices consistent with RCW 90.03.005.

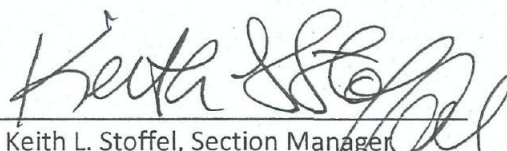
Schedule and Inspections

Department of Ecology personnel, upon presentation of proper credentials, shall have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or to give notice to the Department of Ecology on forms provided by that Department documenting such compliance.

Dated this 25th day of February, 2014, at Spokane, Washington,

Department of Ecology

by 
Keith L. Stoffel, Section Manager

DATA REVIEW
OK 

KLS/KT:md

W: Permits/Tusa/2014/Gonzaga University G3-30691 permit 2-25-2014.doc